

### **AMENDMENT TO THE SPECIFICATION**

Please replace the paragraph beginning at page 1, line 4, with the following re-written paragraph:

This application is a continuation of U.S. Patent Application S/N 10/007,482, which issued as U.S. Patent No. 6,586,993. U.S. Patent No. 6,586,993 claims priority from and is related to the following prior application: "System and Method for Low Noise Amplification Using A Switch," United States Provisional Application No. 60/246,787, filed November 8, 2000. ~~This~~ These prior applications, including the entire written descriptions and drawing figures, are is hereby incorporated into the present application by reference.

### **AMENDMENT TO THE CLAIMS**

Claim 1. (Cancelled)

2. (New) A low noise amplifier (LNA) circuit for use in a mobile communications device, comprising:

an amplification circuit operable to receive a radio frequency (RF) input signal and apply a gain to the RF input signal to generate a radio frequency (RF) output signal, the amplification circuit including a degeneration inductor for improving the linearity of the amplification circuit;

a bypass switching network operable to switch the LNA between a high-gain mode and a low-gain mode, wherein the gain applied to the RF input signal in high-gain mode is greater than the gain applied to the RF input signal in low-gain mode; and

an output impedance matching inductor coupled to the RF output signal;